

Figure 1

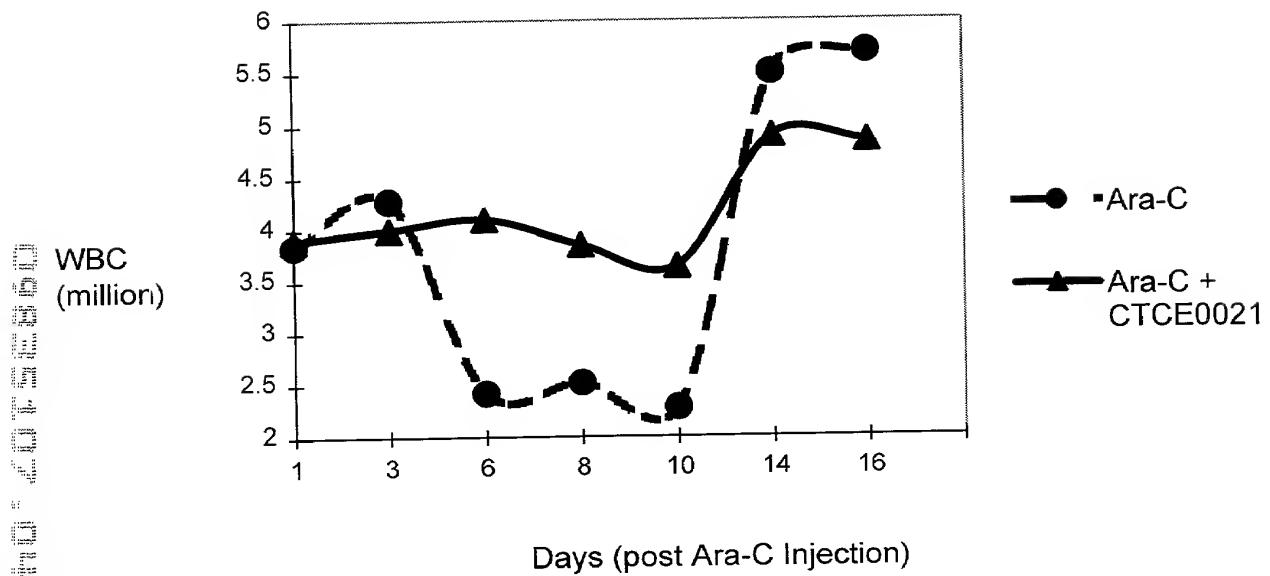


Figure 2A

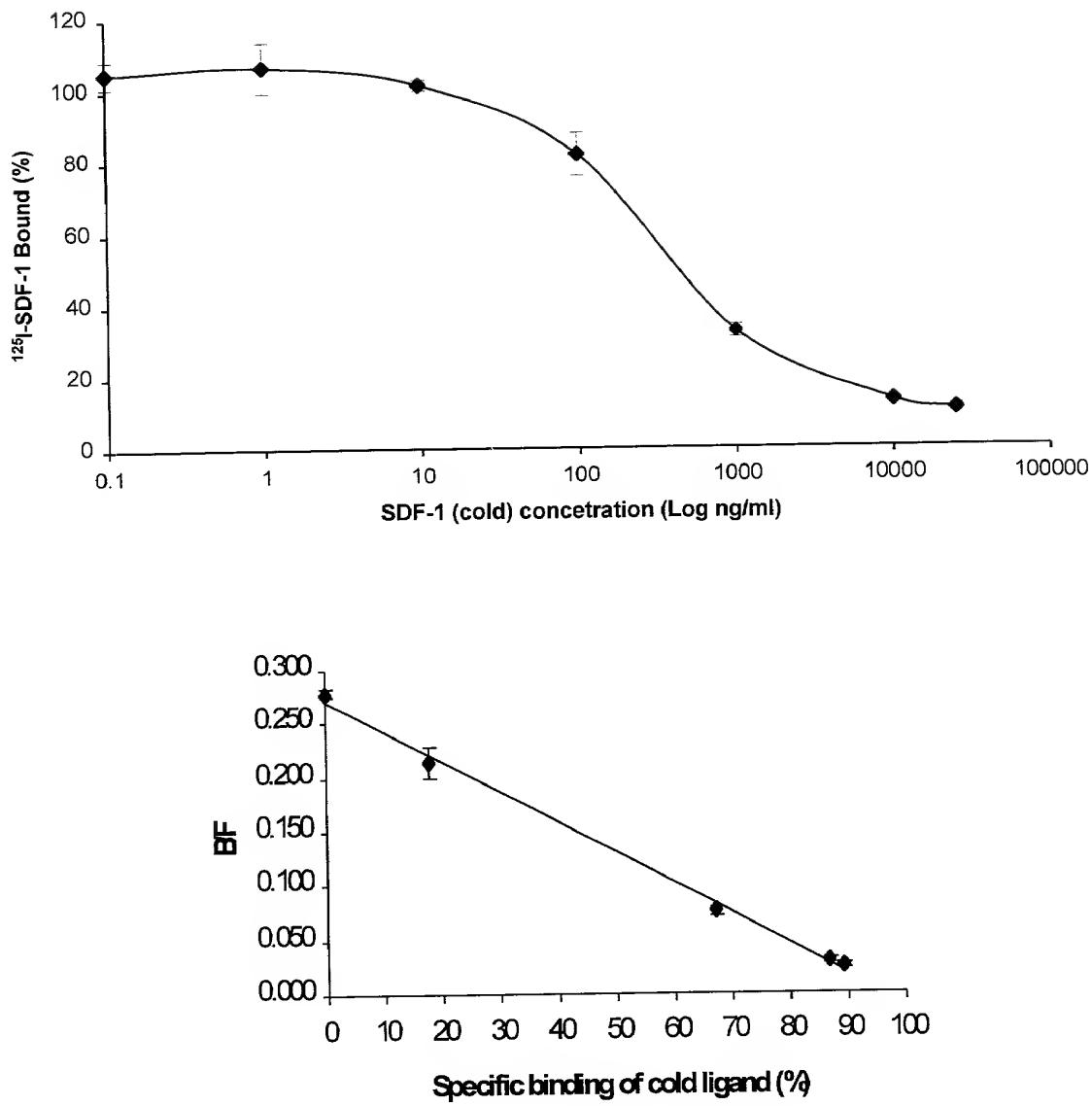


Figure 2B

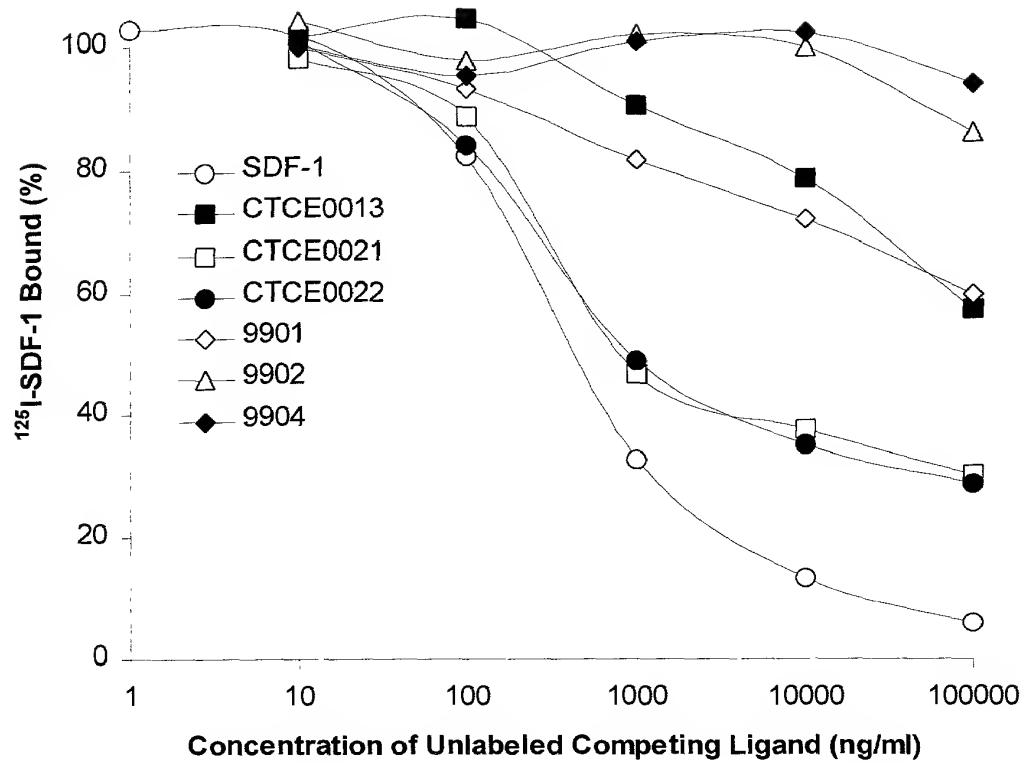


Figure 3

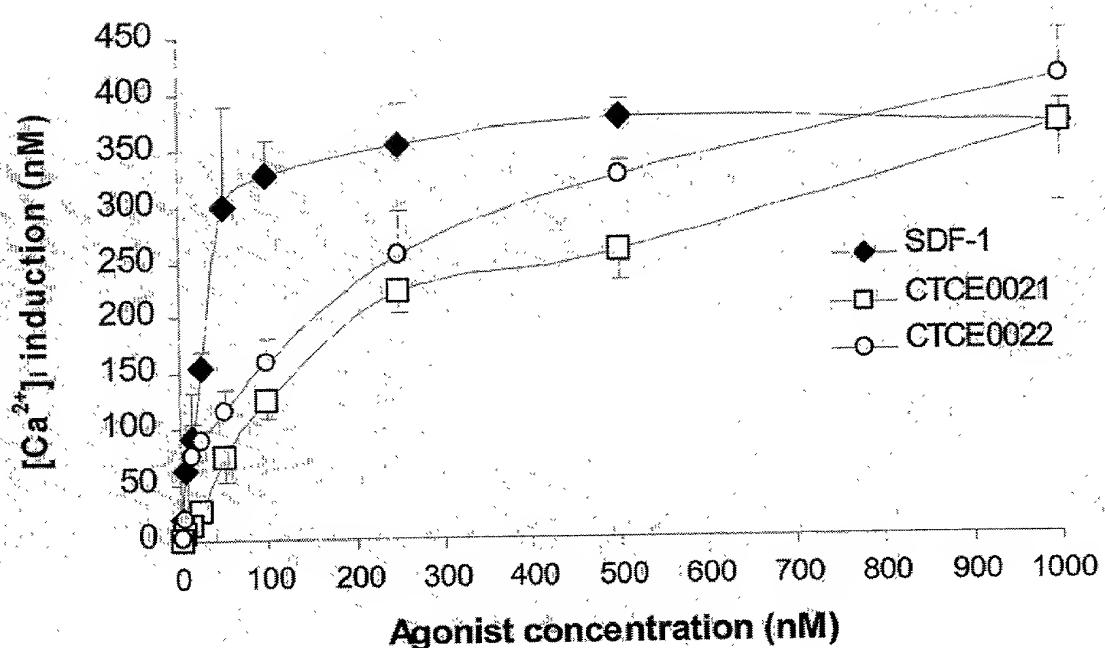


Figure 4

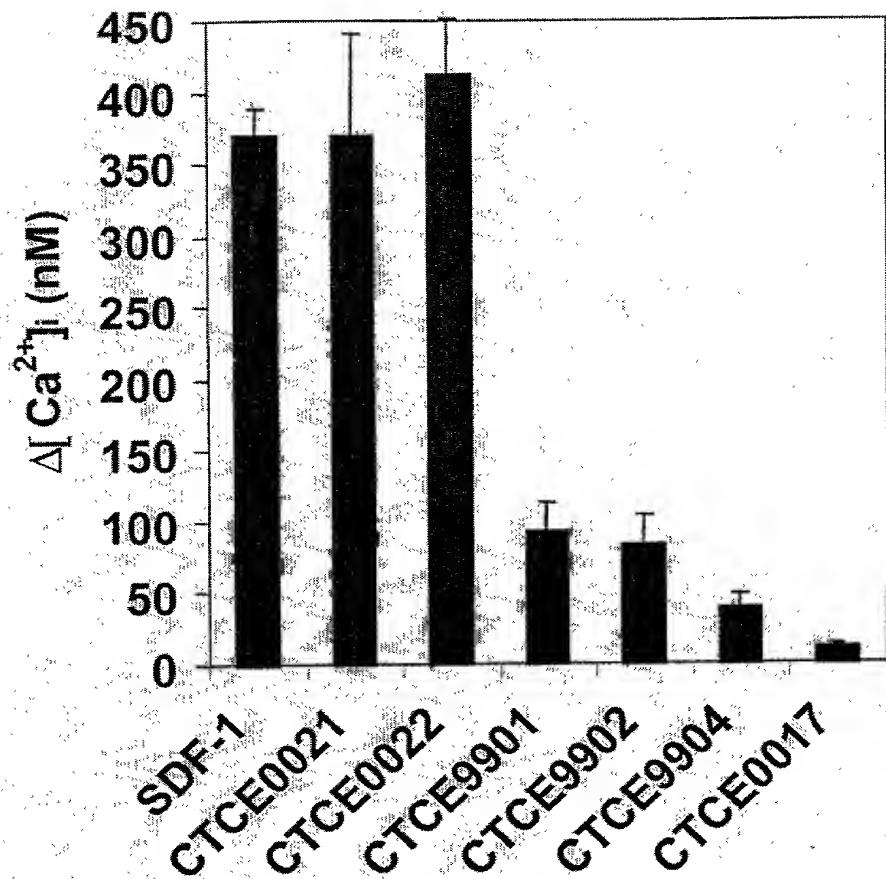


Figure 5

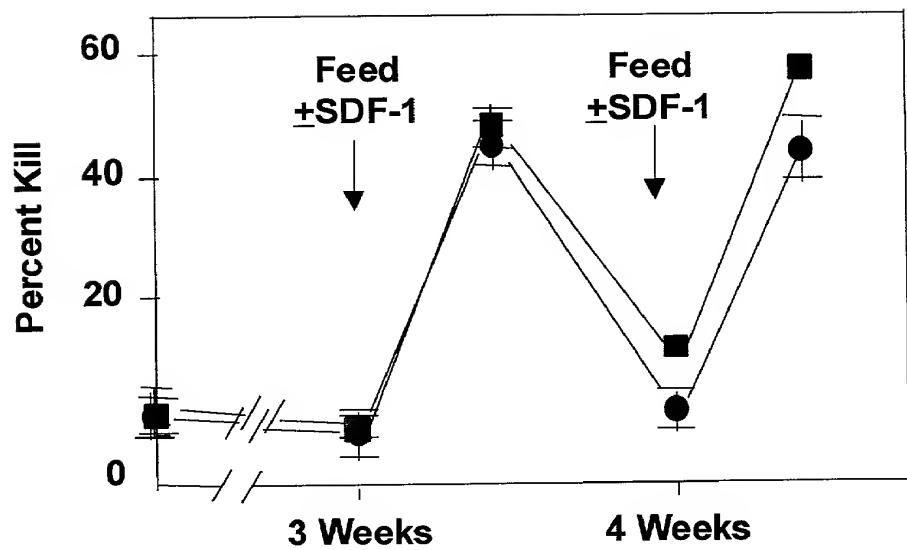


Figure 6

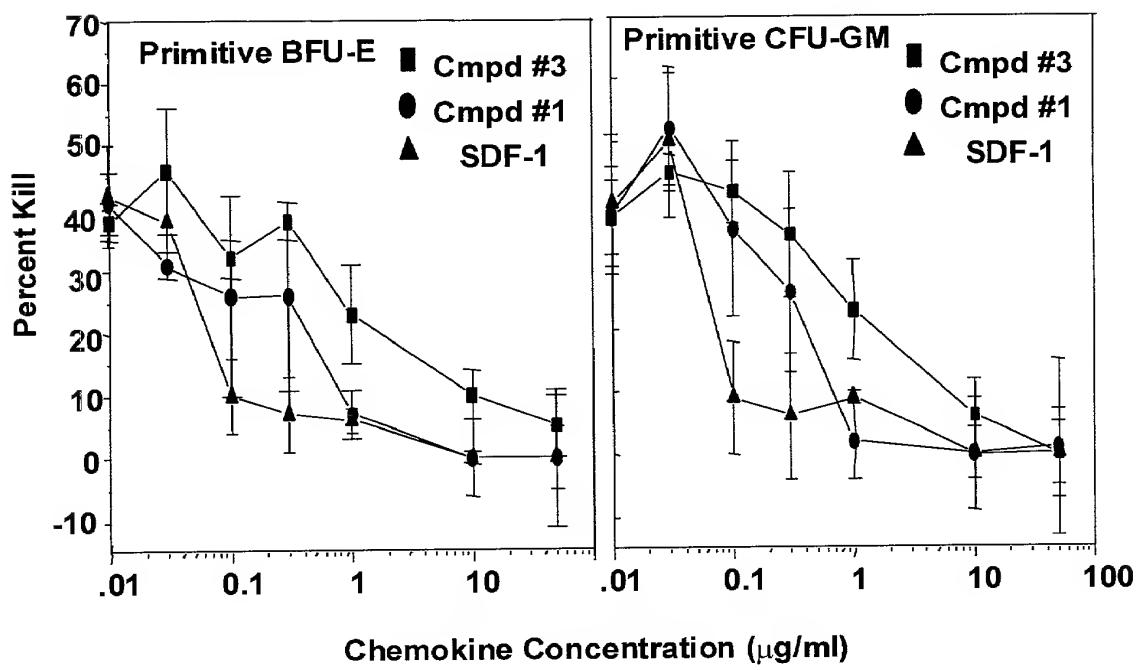


Figure 7

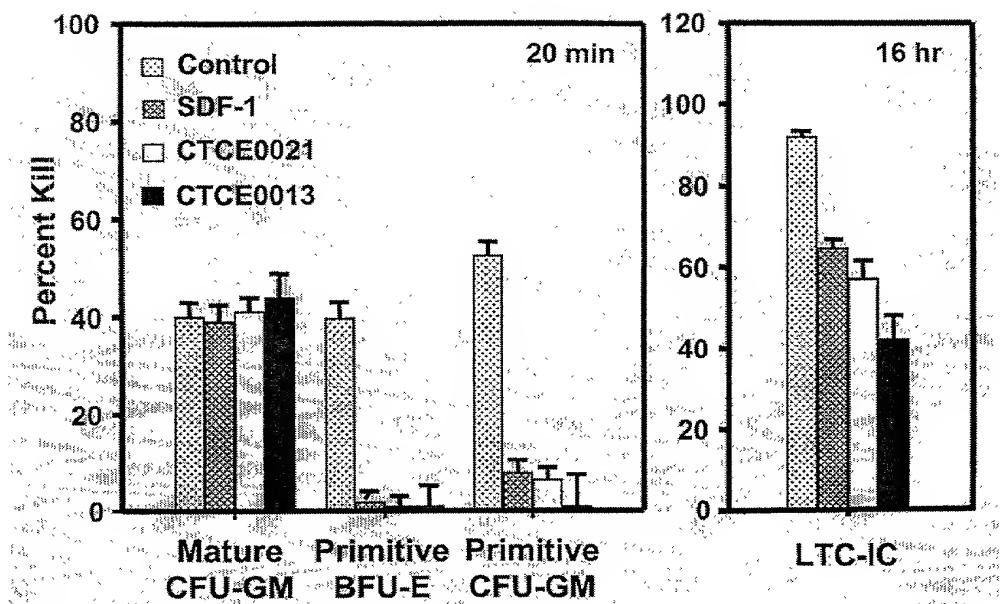


Figure 8

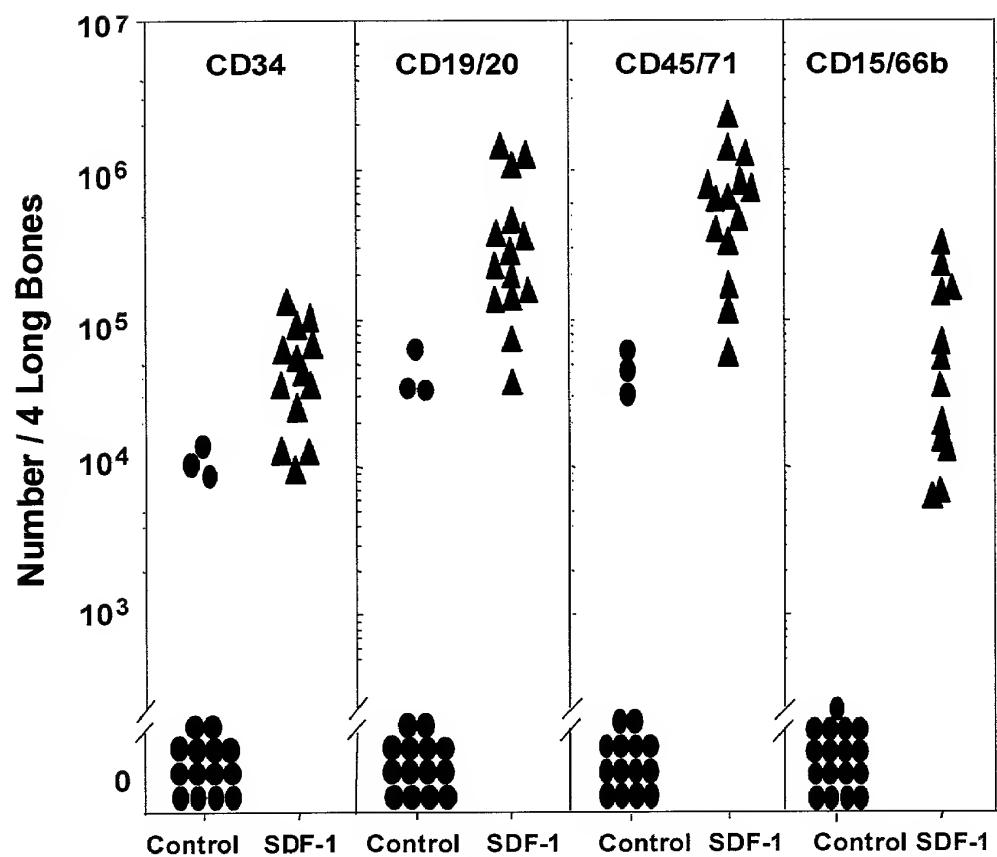


Figure 9

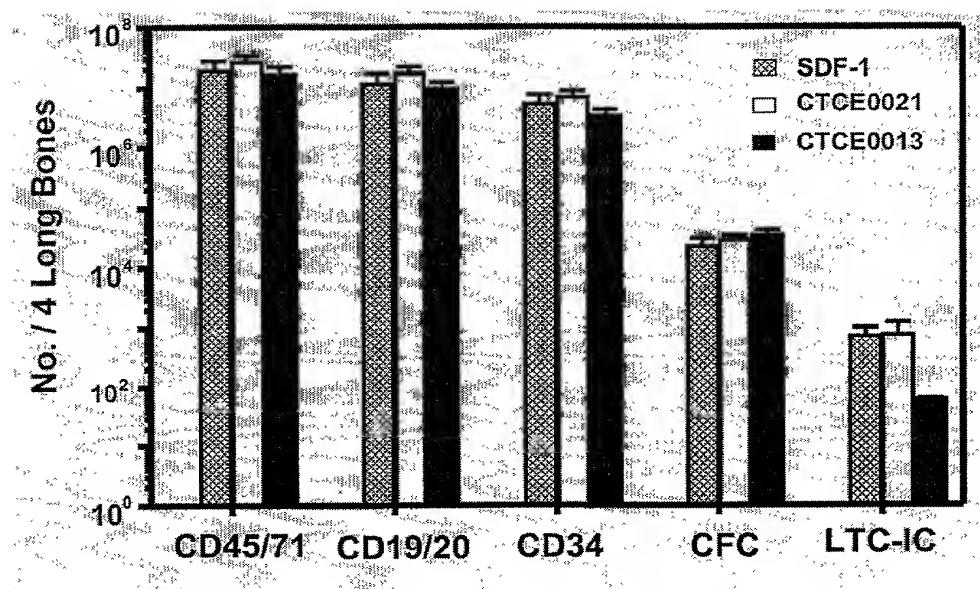


Figure 10

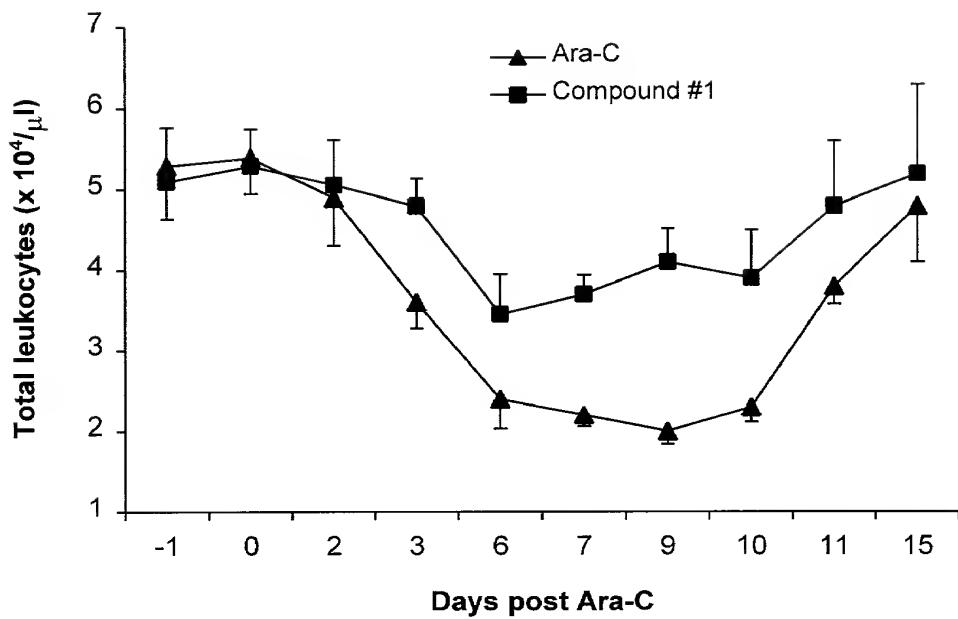


Figure 11

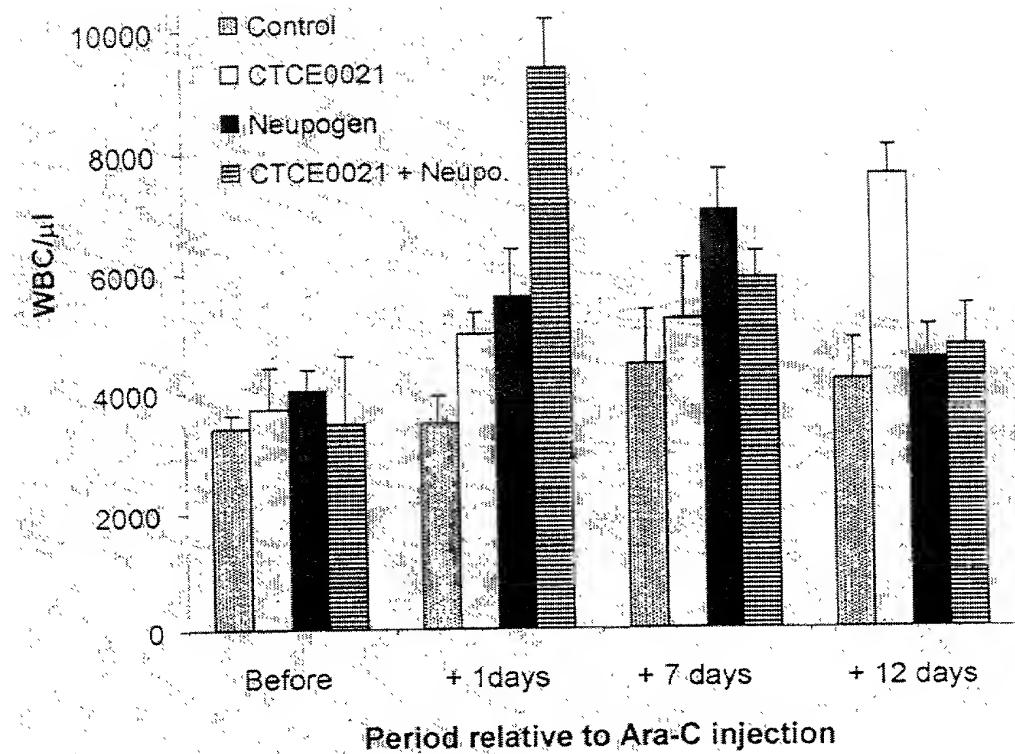
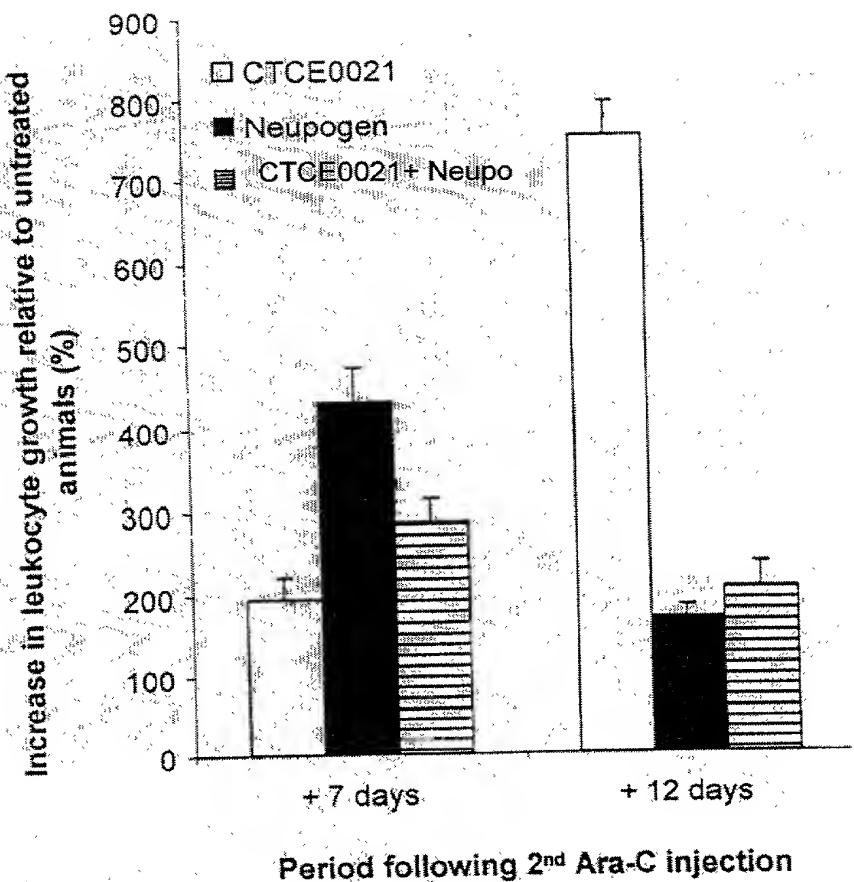


Figure 12



## Figure 13

### SDF-1 SEQUENCES

Seq. ID NO: 1 (SDF-1 $\alpha$ ; Human)

- a) LENGTH: 67 amino acids
- b) TYPE: amino acid
- c) TOPOLOGY: linear
- d) MOLECULE TYPE: protein (recombinant and/or pegylated)

**KPVSL SYRCP CRFFE SHVAR ANVKH LKILN TPNCA LQIVA RLKNN**

1        6        11        16        21        26        31        36        41

**NRQVC IDPKL KWIQE YLEKA LN**

46        51        56        61        66

Seq. ID NO: 2 (SDF-1 Precursor, PBSF; Human)

- a) LENGTH: 93 amino acids
- b) TYPE: amino acid
- c) TOPOLOGY: linear
- d) MOLECULE TYPE: protein (recombinant and or pegylated)

**MNAKV VVVLV LVLTA LCLSD GKPVS LSYRC PCRFF ESHVA RANVK**

1        6        11        16        21        26        31        36        41

**HLKIL NTPNC ALQIV ARLKN NNRQV CIDPK LKWIQ EYLEK ALNKR**

46        51        56        61        66        71        76        81        86

**FKM**

91

Seq. ID NO: 3 (SDF-1 $\beta$ ; Human)

- a) LENGTH: 93 amino acids
- b) TYPE: amino acid
- c) TOPOLOGY: linear
- d) MOLECULE TYPE: protein (recombinant and or pegylated)

**MNAKV VVVLV LVLTA LCLSD GKPVS LSYRC PCRFF ESHVA RANVK**

1        6        11        16        21        26        31        36        41

**HLKIL NTPNC ALQIV ARLKN NNRQV CIDPK LKWIQ EYLEK ALNKR**

46        51        56        61        66        71        76        81        86

**FKM**

91